

Linearizer for a PIN Diode Attenuator

ABSTRACT OF THE DISCLOSURE

Linearizer circuitry is disclosed for providing control signal outputs to operate a controllable attenuator throughout a relatively large dynamic range while maintaining a relatively consistent return loss. Preferred embodiment linearizer circuitry provides a series control current and a shunt control current for coupling to a PIN diode attenuator, such as may be configured in a π network or a T network. Preferably, differential pairs are utilized in providing each of the control current outputs.